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4/27/04

L Number	Hits	Search Text	DB	Time stamp
-	347323	brake or braking or torque adj generator or torque adj generation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:00
-	162025	(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:33
-	29070	(fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:33
-	182807	((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 08:36
-	1457285	coil or winding or electromagnetic or electromagnet	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 08:39
-	347323	brake or braking or torque adj generator or torque adj generation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 08:39
-	182807	(fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 08:43
-	543	(coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:03
-	197	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same shaft	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 08:45
-	106	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same shaft same (disk or disc or rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 08:46
-	1	2002-616014.NRAN.	DERWENT	2003/03/18 09:51
-	20	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) and 188/267-267.2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:04
-	106	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) and 188/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:09

	65	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) and 310/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:04
	57	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) and 192/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:09
	12	4350913.URPN.	USPAT	2003/03/18 10:10
	6	("2905293" "3119034" "3351166" "3587020" "3962595" "4210890").PN.	USPAT	2003/03/18 10:11
	76	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same particles!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 10:13
	0	4844220.pn. and coil	USPAT; US-PGPUB	2003/03/18 11:01
	0	4844220.pn. and electromagnet\$6	USPAT; US-PGPUB	2003/03/18 11:02
	1	4844220.pn. and electr\$6	USPAT; US-PGPUB	2003/03/18 11:35
	567	(coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:06
	1	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same electronics!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:04
	65	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same (electronic or sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:04
	63	((coil or winding or electromagnetic or electromagnet) same (brake or braking or torque adj generator or torque adj generation) same ((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable) or (electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid)))) same rotor same shaft	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/16 11:09
	1	2003-403368.NRAN.	DERWENT	2003/09/16 11:08
	1	2003-403368.NRAN.	DERWENT	2003/09/16 11:09
	0	"2003036120"	USPAT; US-PGPUB	2003/09/16 11:09
	1	wo near3 "36120"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 07:56

	0	wo near3 "36120a2"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 07:56
	5	f16d063/00.ipc. and lord.asn. and jolly.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/18 12:04
	5	f16d063/00.ipc. and lord.asn. and jolly.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/18 12:04

	148	("5573088" "6186290" "6202806" "5598908" "4608505" "4808902" "5194773" "6211591" "6211591" "4477743" "5712520" "4570766" "3618720" "3555326" "3656815" "4019110" "4381048" "4460838" "4496864" "4906060" "5178582" "5223791" "5260642" "5465802" "5734135" "5762173" "5917248" "5971121" "6031309" "6148967" "6149544" "5842547" "4927136" "5399966" "4335633" "5988336" "6072296" "6186297" "4574225" "5208522" "5455473" "4065706" "4096420" "4270075" "4443795" "4628231" "4769581" "4973866" "5245495" "5294857").pn. (("5524743" "5528444" "5528445" "5552651" "5650880" "5803897" "5883484" "6013993" "6025666" "6147425" "6222349" "6222349" "4992687" "5309081" "4462467" "4609859" "4908565" "5929610"	USPAT; US-PGPUB	2004/04/19 12:57
Search History	4/26/04 5:55:58 PM	Page 4		
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	110	(("5573088" "6186290" "6202806" "5598908" "4608505" "4808902" "5194773" "6211591" "6211591" "4477743" "5712520" "4570766" "3618720" "3555326" "3656815" "4019110" "4381048" "4460838" "4496864" "4906060" "5178582" "5223791" "5260642" "5465802" "5734135" "5762173" "5917248" "5971121" "6031309" "6148967" "6149544" "5842547" "4927136" "5399966" "4335633" "5988336" "6072296" "6186297" "4574225" "5208522" "5455473" "4065706" "4096420" "4270075" "4443795" "4628231" "4769581" "4973866" "5245495" "5294857").pn. (("5524743" "5528444" "5528445" "5552651" "5650880" "5803897" "5883484" "6013993" "6025666" "6147425" "6222349" "6222349" "4992687" "5309081" "4462467" "4609859" "4908565" "5929610"	USPAT; US-PGPUB	2004/04/19 13:14
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	110	(("5573088" "6186290" "6202806" "5598908" "4608505" "4808902" "5194773" "6211591" "6211591" "4477743" "5712520" "4570766" "3618720" "3555326" "3656815" "4019110" "4381048" "4460838" "4496864" "4906060" "5178582" "5223791" "5260642" "5465802" "5734135" "5762173" "5917248" "5971121" "6031309" "6148967" "6149544" "5842547" "4927136" "5399966" "4335633" "5988336" "6072296" "6186297" "4574225" "5208522" "5455473" "4065706" "4096420" "4270075" "4443795" "4628231" "4769581" "4973866" "5245495" "5294857").pn. (("5524743" "5528444" "5528445" "5552651" "5650880" "5803897" "5883484" "6013993" "6025666" "6147425" "6222349" "6222349" "4992687" "5309081" "4462467" "4609859" "4908565" "5929610"	USPAT; US-PGPUB	2004/04/19 13:15
Search History	4/26/04 4:55:58 AM	Page 6		
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	86	("5573088" "6186290" "6202806" "5598908" "4608505" "4808902" "5194773" "6211591" "6211591" "4477743" "5712520" "4570766" "3618720" "3555326" "3656815" "4019110" "4381048" "4460838" "4496864" "4906060" "5178582" "5223791" "5260642" "5465802" "5734135" "5762173" "5917248" "5971121" "6031309" "6148967" "6149544" "5842547" "4927136" "5399966" "4335633" "5988336" "6072296" "6186297" "4574225" "5208522" "5455473" "4065706" "4096420" "4270075" "4443795" "4628231" "4769581" "4973866" "5245495" "5294857").pn. ("5524743" "5528444" "5528445" "5552651" "5650880" "5803897" "5883484" "6013993" "6025666" "6147425" "6222349" "6222349" "4992687" "5309081" "4462467" "4609859" "4908565" "5929610"	USPAT; US-PGPUB	2004/04/19 13:22
Search History	4/26/04 5:59:58 AM	Page 7		
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	3	(US-6211591-\$ or US-5821712-\$ or US-5465802-\$).did.	USPAT	2004/04/19 13:18
	754	rotor same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4	USPAT; US-PGPUB	2004/04/19 13:32
	83	rotor same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4 same (sensor or electronics! or cpu or ecu or microprocessor or microcontroller or electronic adj control)	USPAT; US-PGPUB	2004/04/19 13:25
	3059	(disk or disc or rotor) same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 13:35
	40	(disk or disc or rotor) same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4 and 188/267-267.2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 13:39
	146	(disk or disc or rotor) same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4 and 188/158-165.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 13:42
	28	(disk or disc or rotor) same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4 same (field adj responsive or electroviscous or electrorheolog\$4 or viscous or magnetic adj (liquid or fluid or oil))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 13:52
	35	(disk or disc or rotor or plate) same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4 same (field adj responsive or electroviscous or electrorheolog\$4 or viscous or magnetic adj (liquid or fluid or oil))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 13:53
	7	(disk or disc or rotor or plate) same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4 same (field adj responsive or electroviscous or electrorheolog\$4 or viscous or magnetic adj (liquid or fluid or oil))) not ((disk or disc or rotor) same (rod or shaft) same (coil or armature or electromagnet or magnet) same brak\$4 same (field adj responsive or electroviscous or electrorheolog\$4 or viscous or magnetic adj (liquid or fluid or oil)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 13:54
	228	188/267.1-267.2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:06
	2	"20030079948"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:07
	1	2003-403368.NRAN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:06
	522	(field with responsive with material or magnetorheological or MR or "MR medium" or "MR material" or "field responsive material" or "field controllable material" or "magnetorheological devices" or "MR devices" or "field controllable devices" or "field responsive devices") same ("rotary-acting" or torques or rotary adj brake or rotary adj clutch\$4 or linear adj damper)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:12

		74	(field with responsive with material or magnetorheological or MR or "MR medium" or "MR material" or "field responsive material" or "field controllable material" or "magnetorheological devices" or "MR devices" or "field controllable devices" or "field responsive devices") same ("rotary-acting" or torques or rotary adj brake or rotary adj clutch\$4 or linear adj damper)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:33
		48	same (rotor or plate or disk or disc) same (rod or shaft) ((field with responsive with material or magnetorheological or MR or "MR medium" or "MR material" or "field responsive material" or "field controllable material" or "magnetorheological devices" or "MR devices" or "field controllable devices" or "field responsive devices") same ("rotary-acting" or torques or rotary adj brake or rotary adj clutch\$4 or linear adj damper) same (rotor or plate or disk or disc) same (rod or shaft)) and (sensor or electronic\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:20
		3325	(electronic adj component or sensor or ECU or CPU or control adj unit or microprocessor or microcontrol\$4 or electronic or electrical) with located adj within adj3 (casing or housing or chamber)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:29
		23	((electronic adj component or sensor or ECU or CPU or control adj unit or microprocessor or microcontrol\$4 or electronic or electrical) with located adj within adj3 (casing or housing or chamber)) same (MR or electroviscous or magnetorheolog\$5 or rheologic\$4 or EMR or ER or magnetic or electrorheolog\$6) near3 (fluid or material or medium or particles! or oil or substance) brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) same a magnetic adj field adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:32
		9626	brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) same a magnetic adj field adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:43
		857	brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) near4 end	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:42
		512149	(fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolog\$4 or electroviscous or magnetic or magnetoviscous or magnetorheolog\$6 or MR or ER or EMR or electrically)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:47
		65	(brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) near4 end) and ((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolog\$4 or electroviscous or magnetic or magnetoviscous or magnetorheolog\$6 or MR or ER or EMR or electrically))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:42
		2528	(brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) same a magnetic adj field adj generator) and ((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolog\$4 or electroviscous or magnetic or magnetoviscous or magnetorheolog\$6 or MR or ER or EMR or electrically))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:42
		1256	(brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) same a magnetic adj field adj generator) same ((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolog\$4 or electroviscous or magnetic or magnetoviscous or magnetorheolog\$6 or MR or ER or EMR or electrically))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:42
		6	brak\$3 with ((rotating or rotary) near3 (disk or disc or plate) or rotor) same (shaft or rod) same magnetic adj field adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:43

	186	((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically)) and lord.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 13:13
	14	((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically)) and lord.asn. and located adj5 (inside or chamber)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:52
	11	267/140.15.ccls. and rotor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 12:53
	0	6640940.URPN.	USPAT	2004/04/20 13:03
	31	("1907531" "2938606" "3483951" "3770290" "3807678" "3866720" "4491207" "4638896" "4727974" "4827162" "4836342" "4907680" "4921272" "5018606" "5046594" "5206555" "5207774" "5277281" "5284330" "5440183" "5522481" "5560464" "5576500" "5588509" "5590745" "5743352" "5996973" "6053291" "6452302" "6486658" "6508480").PN.	USPAT	2004/04/20 13:03
	26	((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically)) and lord.asn. and rotor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 13:51
	1	2003-403368.NRAN.	DERWENT	2004/04/20 13:17
	5	6213442.URPN.	USPAT	2004/04/20 13:18
	20	("4850261" "4976415" "5011108" "5285995" "5308938" "5321923" "5379980" "5400872" "5436545" "5444417" "5449985" "5638303" "5652704" "5653317" "5693990" "5765800" "5793598" "5832806" "5876012" "5881987").PN.	USPAT	2004/04/20 13:19
	12704	((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically)) same rotor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 13:50
	512149	((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 13:51
	2068	(((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically))) with rotor with (shaft or rod)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 13:52
	4135	(((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically))) same rotor with (shaft or rod)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 13:52
	58	((((fluid or particles! or substance or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable or rheolog\$4 or electrorheolg\$4 or electrovisous or magnetic or magnetoviscous or magnetorheolg\$6 or MR or ER or EMR or electrically))) same rotor with (shaft or rod)) and 188/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/20 13:53
	577	192/21.5.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:47
	577	192/21.5.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 13:19
	1	"20030151178"	US-PGPUB	2004/04/23 05:37
	1	"20020057014"	US-PGPUB	2004/04/23 05:37

-	483	192/21.5.ccls.	USPAT; US-PGPUB	2004/04/24 13:20
-	229850	((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 14:54
-	1176006	(magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 13:57
-	13947	field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 13:30
-	6666	((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))	USPAT; US-PGPUB	2004/04/24 13:41
-	47	(((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and 192/.ccls.	USPAT; US-PGPUB	2004/04/24 13:37
-	162	(((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and 192/.ccls.	USPAT; US-PGPUB	2004/04/24 13:37
-	199	(((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) and 310/.ccls.	USPAT; US-PGPUB	2004/04/24 13:41
-	262	(((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (brak\$4 or clutch or retarder or damper)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 14:12
-	96	(((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (brak\$4 or clutch or retarder or damper) 60/326.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 13:46
-	156328	((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic)	USOCR	2004/04/24 13:57
-	146661	(magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)	USOCR	2004/04/24 13:58

	3946	((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic)) same ((magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or retarder or damper)	USOCR	2004/04/24 14:04
	3744	((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic)) same ((magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or retarder or damper)	USOCR	2004/04/24 14:04
	1308	(((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic)) same ((magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or retarder or damper)) and (188/\$.ccls. or 252/\$.ccls. or 310/\$.ccls. or 192/\$.ccls.)	USOCR	2004/04/24 14:08
	8	("3907079" "4351515" "4742998" "4759534" "4899854" "4973031" "5176368" "5249784").PN.	USPAT	2004/04/24 14:06
	457	((((shaft or rod or piston or member) with (rotate or rotating) or rotor or rotator) same (armature or coil or electric or electrical or electrically or electronic or magnetic or electromagnetic)) same ((magnetic or electroviscous or electrorheological or MR or EMR or electric or rheological or rheology or magnetorheological) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))) same (brak\$4 or clutch or retarder or damper)) and 74/\$.ccls.	USOCR	2004/04/24 14:08
	9066	((magnetic\$4 or electroviscous or electrorheolog\$5 or MR or EMR or electric\$4 or rheologic\$4 or rheolog\$5 or magnetorheologic\$4) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance)) same (field near4 (control\$4 or responsive) with (material or particles or medium or fluid or oil or powder or liquid or hydraulic or substance))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 14:12
	7039	magnetic adj fluid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 14:55
	789	(magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 14:57
	294	(magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) adj3 (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotatable or rotating)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 15:15
	1	1992-069061.NRAN.	DERWENT	2004/04/24 15:12
	1	1991-350530.NRAN.	DERWENT	2004/04/24 15:13
	294	(magnetic adj fluid or magnetorheological or field adj (responsive or controllable or regulatable) with (fluid or medium or particles or liquid)) with (brak\$4 or motor) same (rotor or rotatable or rotate or rotatable or rotating)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/24 15:15
	0	filed adj responsive adj material same rotor	USPAT; US-PGPUB	2004/04/24 15:19
	1	field adj responsive adj material same rotor	USPAT; US-PGPUB	2004/04/24 15:20
	2806067	(MR or magnetic adj "3" (medium or material or liquid) or field adj responsive adj material) same rotor	USPAT; US-PGPUB	2004/04/24 15:22
	4979	(MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor	USPAT; US-PGPUB	2004/04/24 15:22

	147	(MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor same (brak\$4 or damper or dampener or retarder or shock adj absorber)	USPAT; US-PGPUB	2004/04/24 15:23
	40	(MR or magnetic adj3 (medium or material or liquid) or field adj responsive adj material) same rotor same (brak\$4 or damper or dampener or retarder or shock adj absorber) and (ECU or CPU or microcontroller or microprocessor or processor or controller or control adj unit)	USPAT; US-PGPUB	2004/04/24 15:25
	32445	(fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:34
	184381	(electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:33
	96450	(electroviscous or magnetorheolog\$4 or EMR or MR or ER)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:35
	293103	((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:51
	4953	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:36
	0	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and magnetci adj fluid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:36
	18	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and magnetic adj fluid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:40
	416	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:41
	312	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and bearing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:41
	265	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and bearing same (shaft or rod or rotor or rotating)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:42
	241	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and bearing with (shaft or rod or rotor or rotating)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:42

	196	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and bearing same (shaft or rod) and (rotor or rotating)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:43
	212	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and bearing same (shaft or rod) and (rotor or rotating or rotate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:42
	212	192/53.1-53.51,58.1-58.92,84.1-84.961.ccls. and (((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and bearing same (shaft or rod) and (rotor or rotating or rotate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:50
	6731	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and 310/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:50
	23217	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:52
	3588	((((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor) and 310/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:52
	494	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor) same (rod or shaft) same (clutch or brake)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:04
	0	((((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor) same (rod or shaft) same (clutch or brake)) and 16/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:53
	51	((((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor) same (rod or shaft) same (clutch or brake)) and 310/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:56
	56	((((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor) same (rod or shaft) same (clutch or brake)) and 188/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:57

	3	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor) same (rod or shaft) same (clutch or brake)) and 60/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 12:57
	132	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) same (rotate or rotating or rotatable or rotor) same (rod or shaft) same (clutch or brake)) and (cpu or ecu or microprocessor or microcontrol\$4 or control adj unit or processor or electronic) 6117093.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:14
	1	(4471957" "4641832" "4765315" "5015926" "5382373" "5460585" "5693004" "5711746" "5816372").PN.	USPAT	2004/04/25 13:10
	9	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and carlson.in.	USPAT	2004/04/25 13:10
	360	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and lord.asn. and (shaft or rod) same (rotate or rotating or rotatable or rotatabl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:14
	32	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and carlson.in. and (shaft or rod) same (rotate or rotating or rotatable or rotatabl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:15
	59	(((fluid or particles! or medium or material or liquid) near4 (field adj responsive or flux or field adj2 controllable)) or ((electroviscous or rheolog\$7 or electrorheolog\$6 or magnetic adj (fluid or particles! or medium or material or liquid))) or ((electroviscous or magnetorheolog\$4 or EMR or MR or ER))) and carlson.in. and (shaft or rod) same (rotate or rotating or rotatable or rotatabl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/25 13:15